

ABSTRACT OF THE DISCLOSURE

A laminate structure for both packaging and non-packaging applications, including a five layer coextrusion composite containing an EVOH/polyolefin composite barrier layer coated or applied to a paper or paperboard substrate. The laminated structure may contain a layer of linear low density polyethylene or other layers, as needed for the application. The EVOH/polyolefin blend layer is preferably a blend of an ethylene vinyl alcohol copolymer having 44% ethylene moiety and a low density polyethylene polymer. The blend barrier, which is part of a five layer coextrusion composite layer provides improved oxygen and moisture barrier characteristics to a package, prepared from such a laminated structure, as well as improved rigidity and heat resistance, thereby providing longer shelf life and excellent flavor retention to the stored contents as well as improved dimensional stability to the cartons, package or containers, at a reduced cost.

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